What is Claimed is:

1. A method of producing a color filter, comprising the steps of:

forming a filter layer of a second color in a region in which a filter element of a first color is to be formed; and

stacking a filter layer of a third color different from said second color on said filter layer of said second color.

2. A method of producing a color filter according to claim 1, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

3. A method of producing a color filter according to claim 1, wherein each of said filter layers of said second and third colors is made from a dye containing positive photoresist.

4. A method of producing a color filter according to claim 1, wherein said color filter is composed of filter elements of a plurality of said first colors each of which is either of red, green and blue colors; and

wherein said filter elements of said plurality of said first colors are produced by the steps of:

forming a yellow filter layer as a filter layer of

said second or third color in a region in which said filter elements of red and green colors as said first colors are to be formed;

forming a cyan filter layer as a filter layer of said second or third color in a region in which said filter elements of green and blue colors as said first colors are to be formed; and

forming a magenta filter layer as a filter layer of said second or third colors in a region in which filter elements of red and blue colors as said first colors are to be formed.

5. A method of producing a color filter according to claim 4, wherein a principal pigment contained in a material for forming said yellow filter layer is an azo pigment;

a principal pigment contained in a material for forming said cyan filter layer is a copper phthalocyanine pigment; and

a principal pigment contained in a material for forming said magenta filter layer is a xanthene pigment.

6. A color filter comprising:

a filter element of a first color, which is formed by stacking a filter layer of a second color and a filter layer of a third color to each other,

wherein said first, second and third colors are different from each other.

7. A color filter according to claim 6, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

8. A color filter according to claim 6, wherein each of said filter layers of said second and third colors is made from a dye containing photoresist.

9. A color filter according to claim 6, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

10. A color filter according to claim 6, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

11. A color filter according to claim 6, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

12. A solid-state imaging device comprising:

a plurality of light receiving sensor portions for photo-electric conversion, provided in a surface layer portion of a substrate; and

a color filter provided correspondingly to said plurality of light receiving sensor portions;

wherein said color filter is configured such that a

filter element of a first color is formed by stacking a filter layer of a second color and a filter layer of a third color to each other.

13. A solid-state imaging device according to claim 12, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

14. A solid-state imaging device according to claim 12, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

15. A solid-state imaging device according to claim 12, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

16. A solid-state imaging device according to claim 12, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

17. A solid-state imaging device according to claim 12, wherein each of said filter layers of said second and third colors is made from a dye containing photoresist.